

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040921\  
 Data File : VY004367.D  
 Acq On : 09 Apr 2021 18:52  
 Operator : SY/MD  
 Sample : M1967-10  
 Misc : 3.96G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB1-B

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Title : SW846 8260

Signal : TIC: VY004367.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.186       | 45            | 60          | 61           | rBV3     | 10920          | 36673         | 2.80%           | 0.458%        |
| 2         | 2.394       | 90            | 94          | 102          | rVB      | 14828          | 25703         | 1.96%           | 0.321%        |
| 3         | 2.577       | 113           | 124         | 128          | rBV7     | 17870          | 71179         | 5.44%           | 0.889%        |
| 4         | 3.960       | 341           | 351         | 359          | rBV      | 68453          | 185917        | 14.20%          | 2.323%        |
| 5         | 4.046       | 359           | 365         | 374          | rVB2     | 15044          | 40603         | 3.10%           | 0.507%        |
| 6         | 4.204       | 382           | 391         | 402          | rBV2     | 15714          | 57720         | 4.41%           | 0.721%        |
| 7         | 4.729       | 467           | 477         | 491          | rVB3     | 17839          | 55537         | 4.24%           | 0.694%        |
| 8         | 5.759       | 637           | 646         | 656          | rVB3     | 4463           | 14789         | 1.13%           | 0.185%        |
| 9         | 6.997       | 839           | 849         | 860          | rBV2     | 16018          | 44876         | 3.43%           | 0.561%        |
| 10        | 7.728       | 958           | 969         | 974          | rBV      | 163623         | 379551        | 28.99%          | 4.743%        |
| 11        | 7.801       | 974           | 981         | 991          | rVB      | 288076         | 660997        | 50.48%          | 8.259%        |
| 12        | 8.149       | 1026          | 1038        | 1052         | rBV      | 182911         | 409941        | 31.31%          | 5.122%        |
| 13        | 8.557       | 1095          | 1105        | 1112         | rBV4     | 6208           | 17442         | 1.33%           | 0.218%        |
| 14        | 8.697       | 1118          | 1128        | 1140         | rBV      | 465172         | 914862        | 69.87%          | 11.432%       |
| 15        | 9.149       | 1193          | 1202        | 1205         | rBV2     | 8027           | 18370         | 1.40%           | 0.230%        |
| 16        | 9.185       | 1205          | 1208        | 1214         | rVB6     | 7148           | 14575         | 1.11%           | 0.182%        |
| 17        | 9.758       | 1296          | 1302        | 1307         | rBV3     | 7353           | 14719         | 1.12%           | 0.184%        |
| 18        | 10.075      | 1348          | 1354        | 1358         | rBV      | 11499          | 22144         | 1.69%           | 0.277%        |
| 19        | 10.185      | 1364          | 1372        | 1378         | rBV      | 753890         | 1309420       | 100.00%         | 16.362%       |
| 20        | 10.246      | 1378          | 1382        | 1395         | rVB2     | 41942          | 97162         | 7.42%           | 1.214%        |
| 21        | 11.490      | 1580          | 1586        | 1597         | rVB      | 682791         | 1132906       | 86.52%          | 14.156%       |
| 22        | 12.124      | 1683          | 1690        | 1693         | rBV3     | 13978          | 36130         | 2.76%           | 0.451%        |
| 23        | 12.483      | 1743          | 1749        | 1757         | rVB      | 587911         | 936761        | 71.54%          | 11.705%       |
| 24        | 12.806      | 1798          | 1802        | 1807         | rBV6     | 19346          | 34461         | 2.63%           | 0.431%        |
| 25        | 12.934      | 1816          | 1823        | 1825         | rBV      | 34323          | 65054         | 4.97%           | 0.813%        |
| 26        | 12.995      | 1829          | 1833        | 1838         | rVV2     | 46434          | 91627         | 7.00%           | 1.145%        |
| 27        | 13.282      | 1877          | 1880        | 1884         | rBV3     | 19357          | 27443         | 2.10%           | 0.343%        |
| 28        | 13.428      | 1897          | 1904        | 1910         | rBV      | 684476         | 1067461       | 81.52%          | 13.338%       |
| 29        | 13.751      | 1952          | 1957        | 1961         | rBV7     | 19386          | 35239         | 2.69%           | 0.440%        |
| 30        | 13.965      | 1989          | 1992        | 1996         | rVB4     | 20644          | 29036         | 2.22%           | 0.363%        |
| 31        | 14.075      | 2007          | 2010        | 2013         | rBV5     | 9780           | 16580         | 1.27%           | 0.207%        |
| 32        | 14.257      | 2036          | 2040        | 2046         | rBV8     | 17328          | 43647         | 3.33%           | 0.545%        |
| 33        | 14.422      | 2064          | 2067        | 2071         | rBV5     | 14824          | 18415         | 1.41%           | 0.230%        |
| 34        | 14.678      | 2106          | 2109        | 2113         | rBV6     | 11917          | 21213         | 1.62%           | 0.265%        |
| 35        | 14.733      | 2115          | 2118        | 2126         | rVB7     | 22701          | 38901         | 2.97%           | 0.486%        |
| 36        | 15.440      | 2231          | 2234        | 2240         | rVB8     | 10158          | 15897         | 1.21%           | 0.199%        |

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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB1-B

Integration Parameters: RTEINT.P  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
Title : SW846 8260

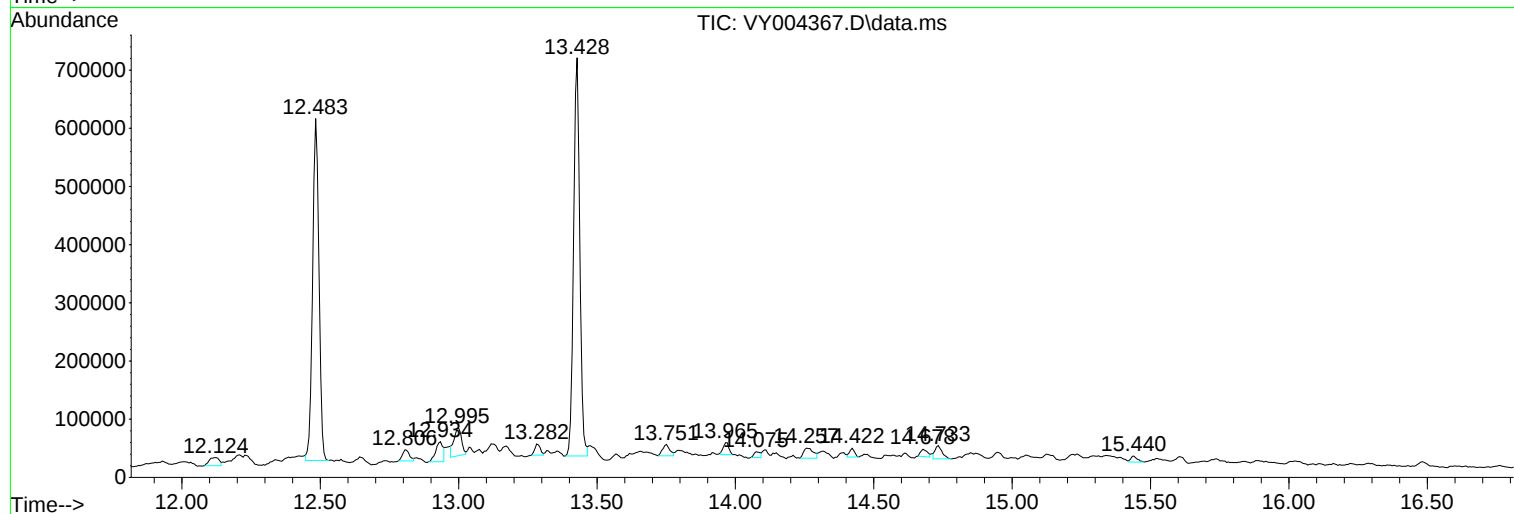
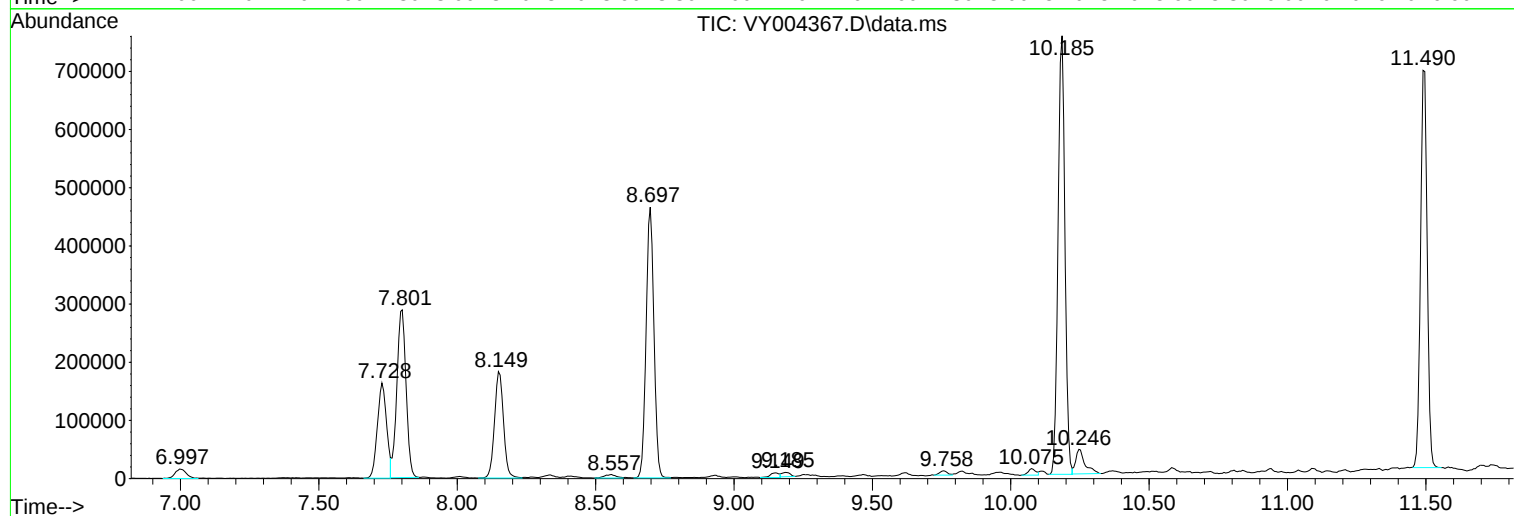
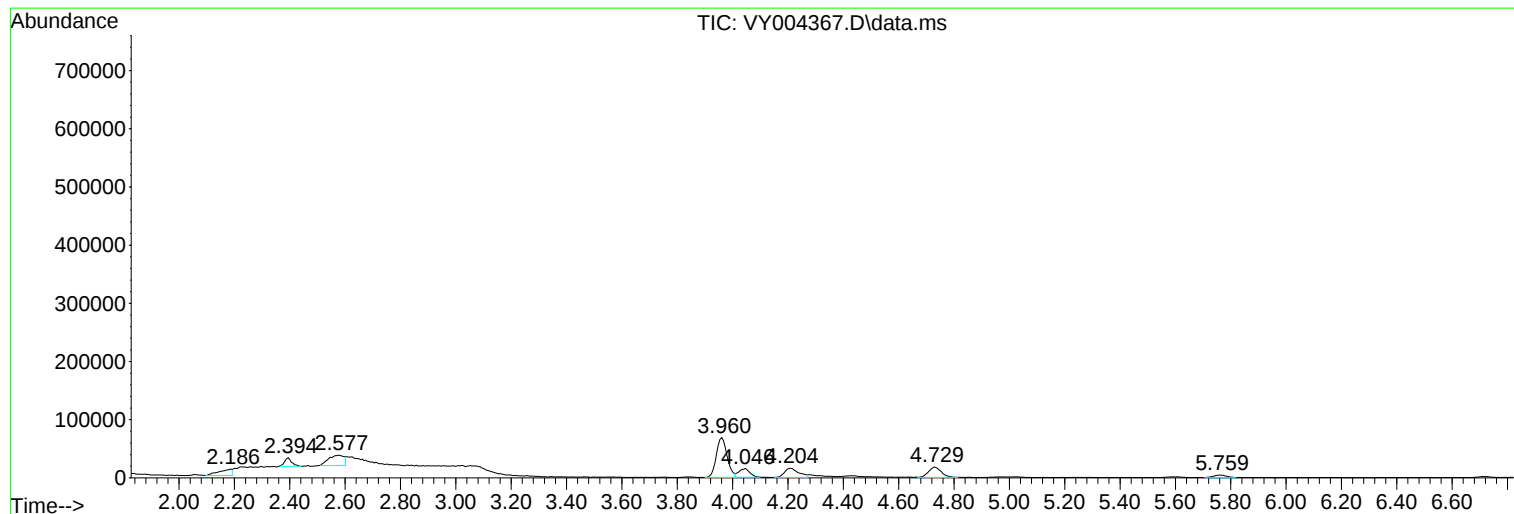
Sum of corrected areas: 8002951

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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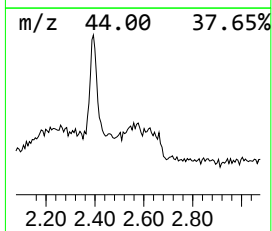
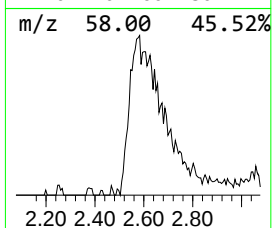
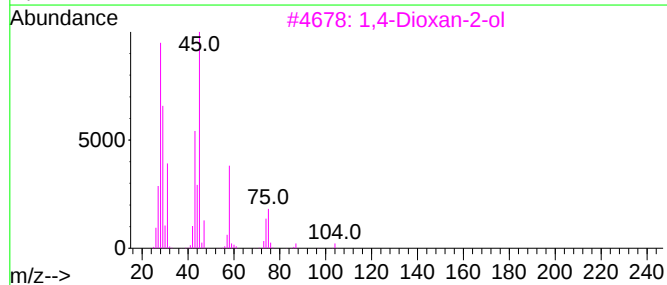
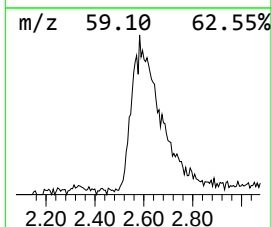
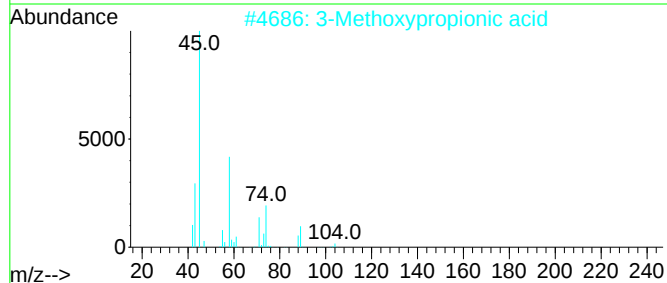
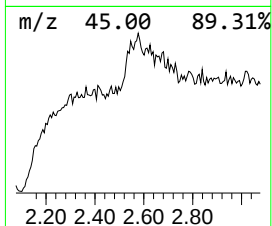
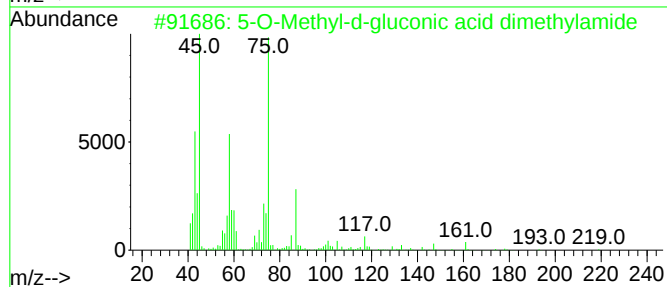
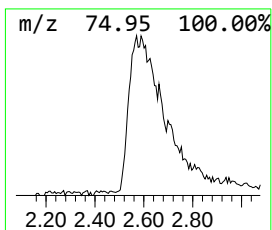
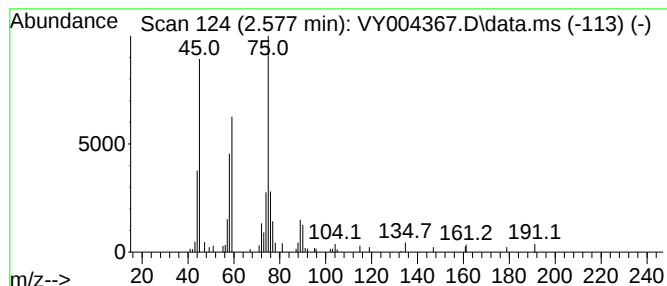
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.577 Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.577 | 5.38 ug/l | 71179 | Pentafluorobenzene | 7.801 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 5-O-Methyl-d-gluconic acid dimet... | 237 | C9H19NO6 | 013096-67-8  | 36   |
| 2    |    |   | 3-Methoxypropionic acid             | 104 | C4H8O3   | 002544-06-1  | 35   |
| 3    |    |   | 1,4-Dioxan-2-ol                     | 104 | C4H8O3   | 022347-47-3  | 25   |
| 4    |    |   | 2-[2-[2-[2-[2-(2-Methoxyethox...    | 340 | C15H32O8 | 1000352-04-1 | 17   |
| 5    |    |   | 3-Nitro-2-butanol                   | 119 | C4H9NO3  | 006270-16-2  | 17   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown2.577     | 2.577 | 5.4     | ug/l  | 71179    | 1                     | 7.801 | 660997 | 50.0 |